

For Research Use Only

PPIL1 Recombinant antibody

Catalog Number: 86312-1-RR



Basic Information

Catalog Number:	86312-1-RR	GenBank Accession Number:	BC003048	Purification Method:	Protein A purification
Concentration:	1000 µg/ml	GenID (NCBI):	51645	CloneNo.:	250902G7
Source:	Rabbit	UNIPROT ID:	Q9Y3C6	Recommended Dilutions:	WB: 1:2000-1:10000
Isotype:	IgG	Full Name:	peptidylprolyl isomerase (cyclophilin)-like 1		
Immunogen Catalog Number:	AG7436	Calculated MW:	18 kDa		
		Observed MW:	18 kDa		

Applications

Tested Applications:	WB, ELISA	Positive Controls:
Species Specificity:	human	WB: HeLa cells, A375 cells, K-562 cells, human heart tissue

Background Information

Peptidyl-prolyl isomerase (PPase) catalyzes the interconversion of a specific Pro-imide bond between the cis and trans conformations. PPIL1 (Peptidyl-prolyl cis-trans isomerase-like 1) is up-regulated in human colon cancer cells and an siRNA-mediated knockdown of PPIL1 resulted in a reduced number of viable cell (PMID: 20368803). Expression of PPIL1 was shown to be ubiquitous across all adult tissues (with highest expression in the adrenal gland, testis and heart). PPIL1 is also known to participate in the spliceosome; a complex and dynamic protein and RNA complex responsible for splicing introns from pre-mRNA (PMID: 33220177, 8978786).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

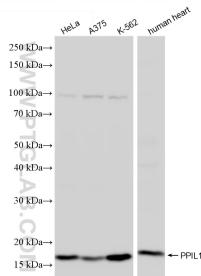
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86312-1-RR (PPIL1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.